*Figure 1 Active Information model*
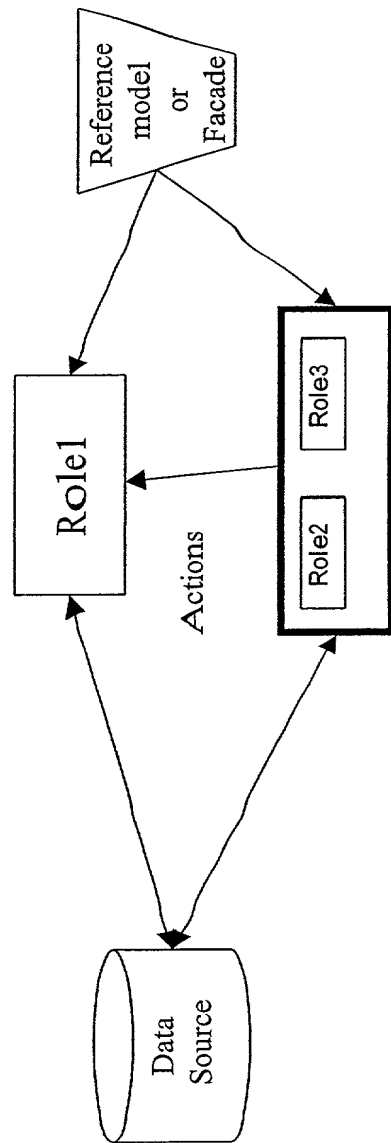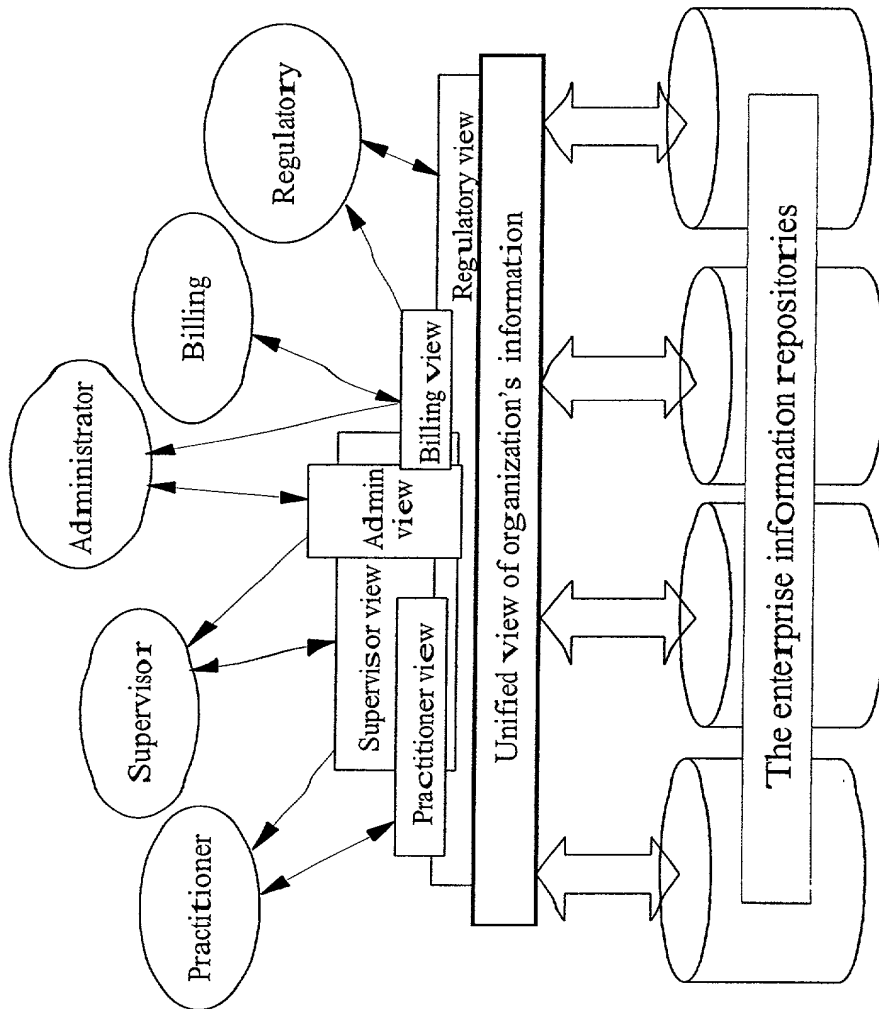
*Figure 2. Defining a Role*

*Figure 3.  Perspectives and Views of Information*
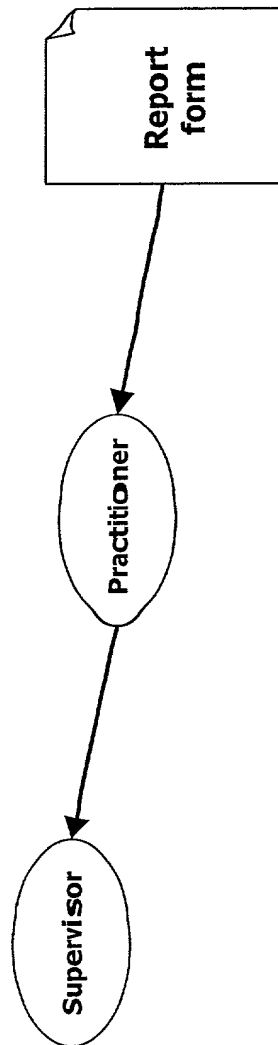
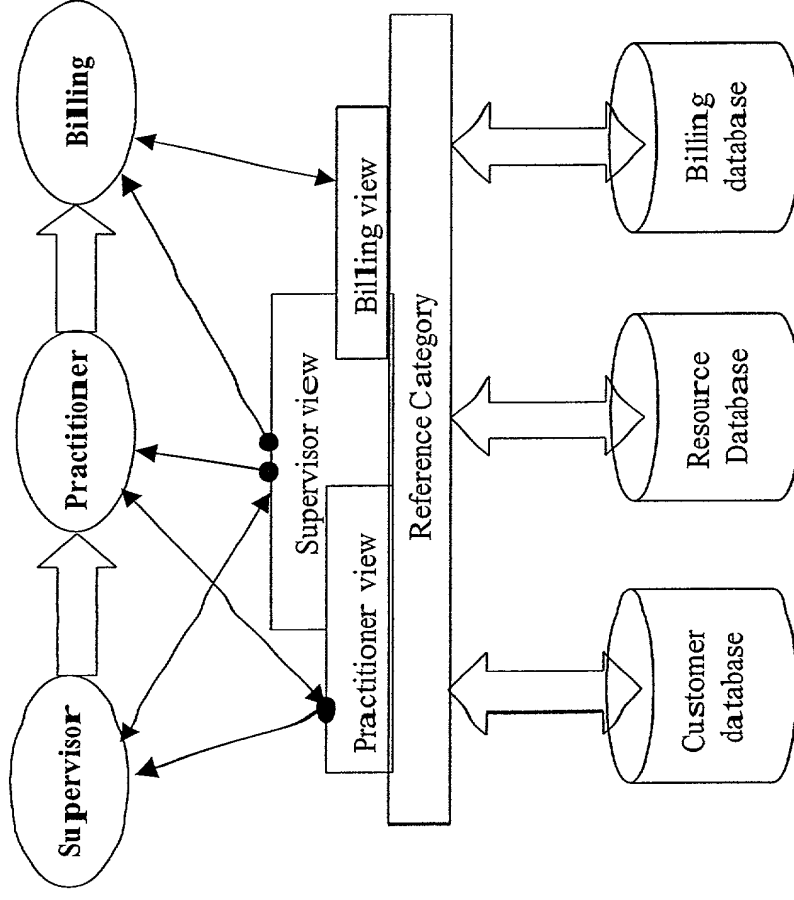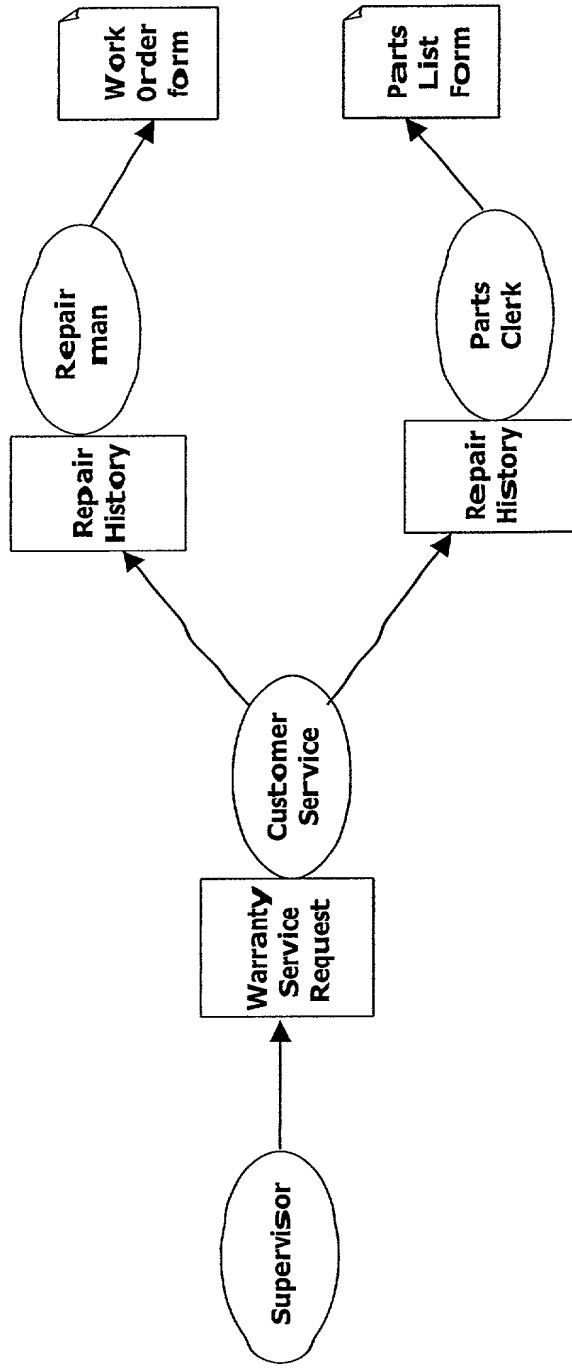*Figure 4. Data Sources viewed through roles*

*Figure 5 Reference category*

*Figure 6. Facades*
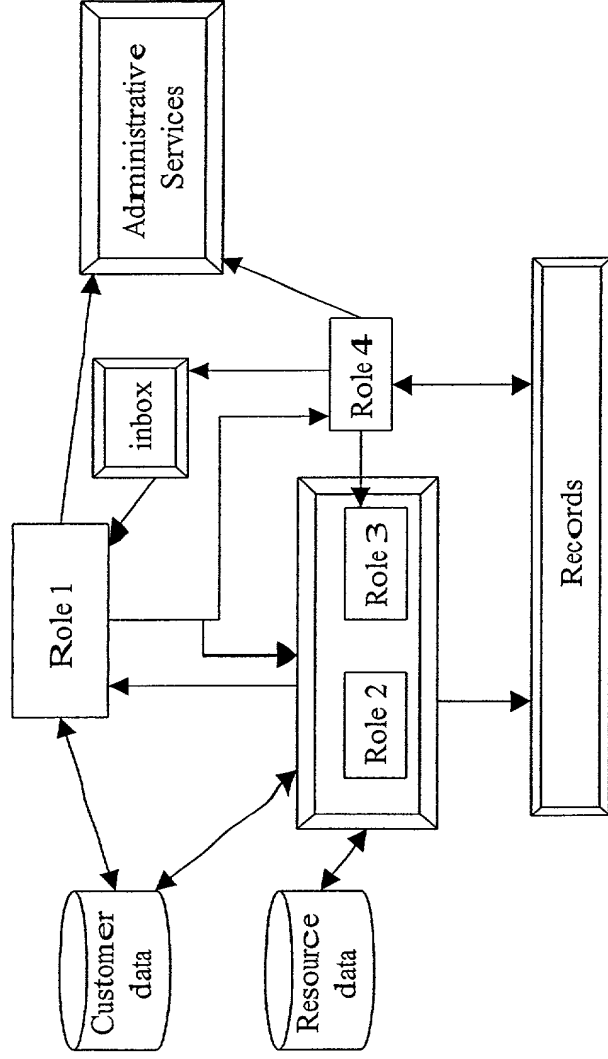
*Figure 7. Beginnings of an Information Model*
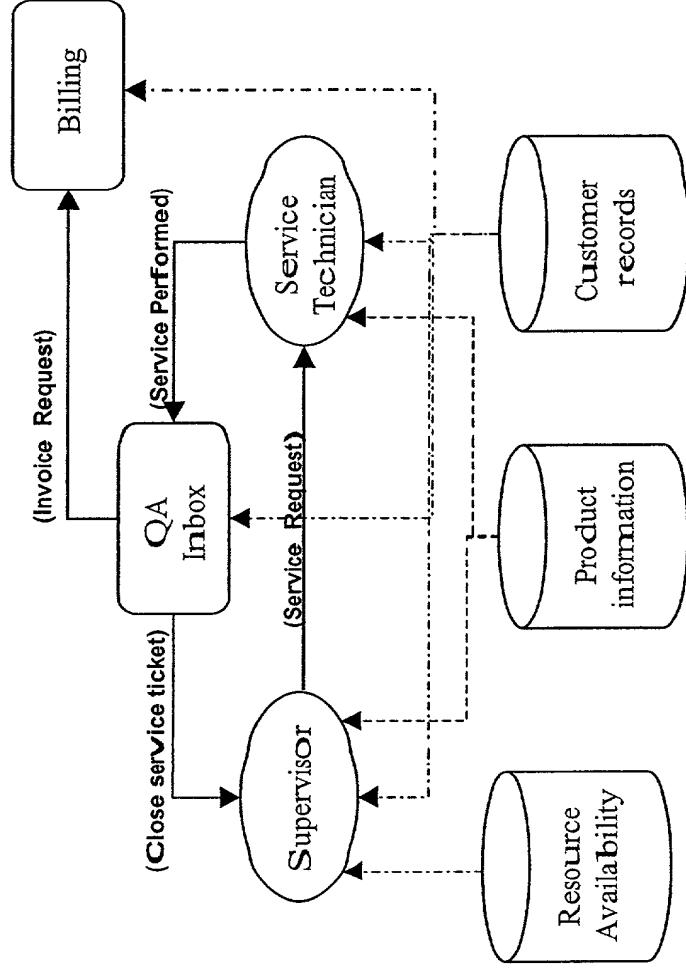
Figure 8. *Access to Information is an attribute of Roles*

QA
Inbox

ST1
mobile device

ST1
Proxy

ST 2
local Workstation

ST 3
paper forms

Service Tech.
(ST)

Supervisor

Product
Information
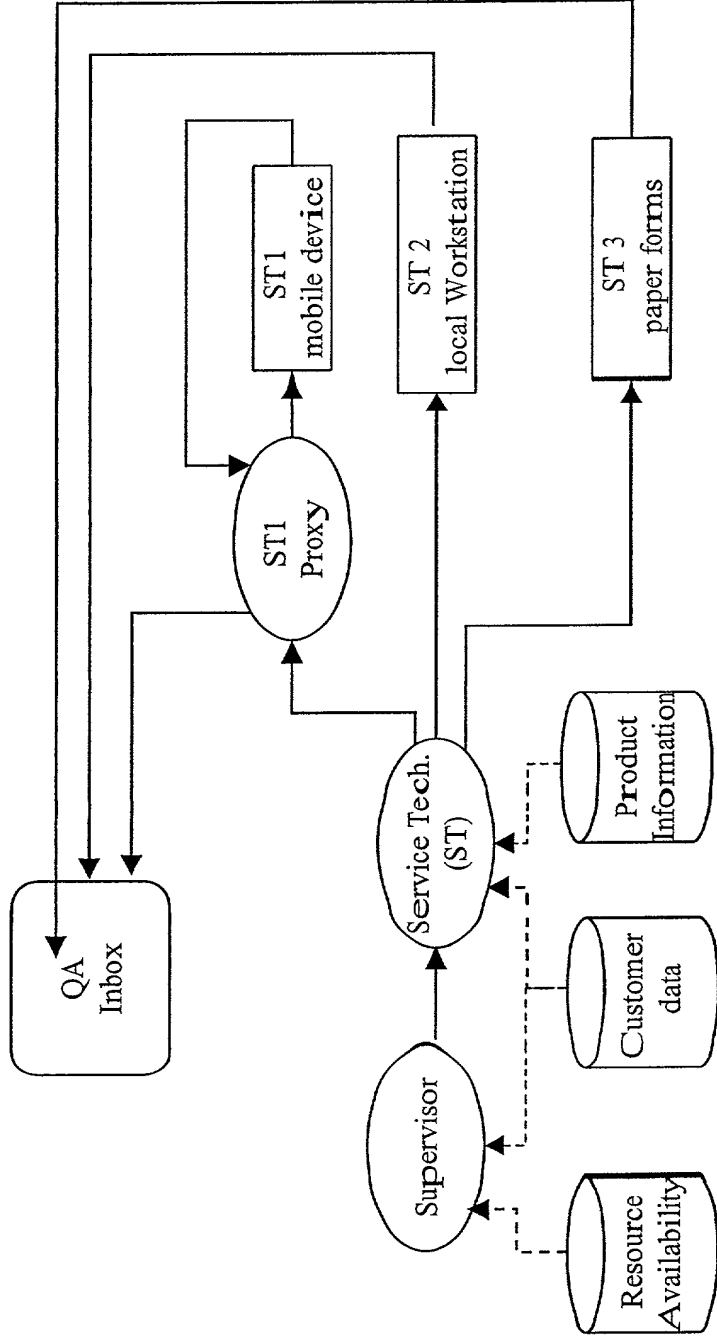
Customer
data

Resource
Availability

*Figure 9 Users are autonomous members of the community*
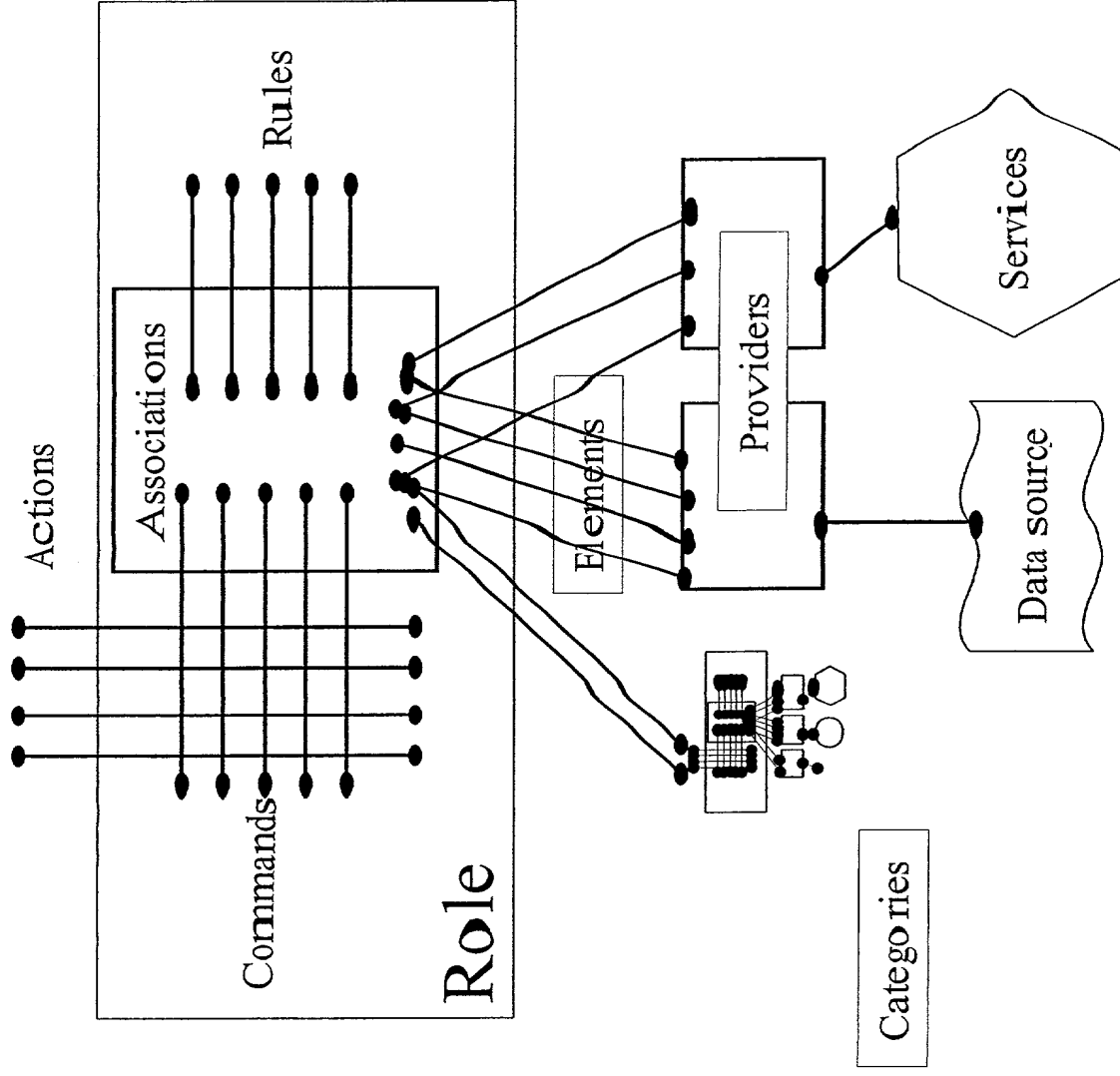
*Figure 10 Active Agent Engine functions*
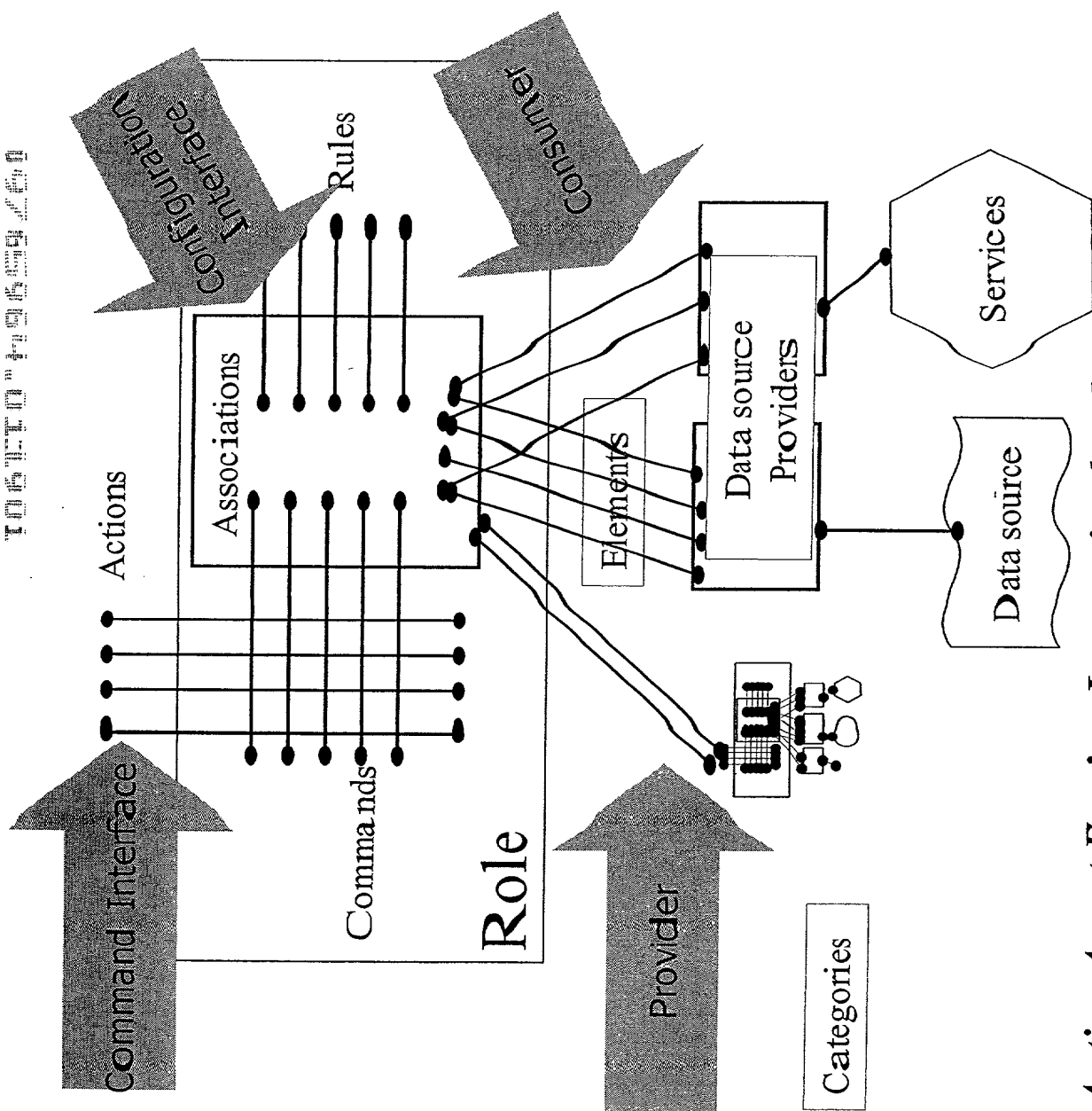
*Figure 11  Active Agent Engine Integration levels*
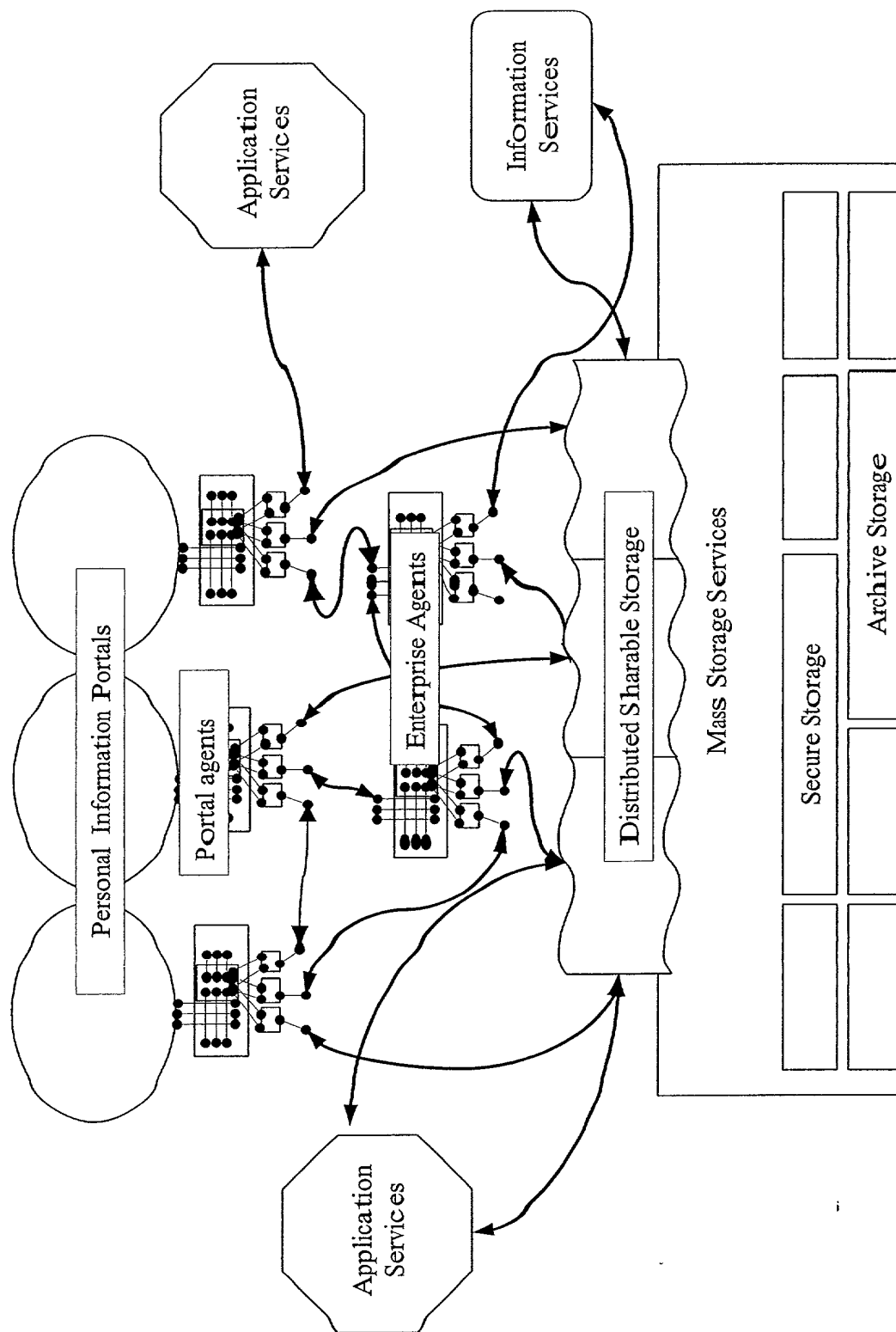
Figure 12. Implementing Personal Information Portals

**Appointments**

**trade**

**Commerce**

**Finance**

**Information Services**

**Personal Information Portal**

**Information Agent**

**Sharable storage**

**Personal Information Portal**

**Personal Information Portal**

**User**

**User**

**User**
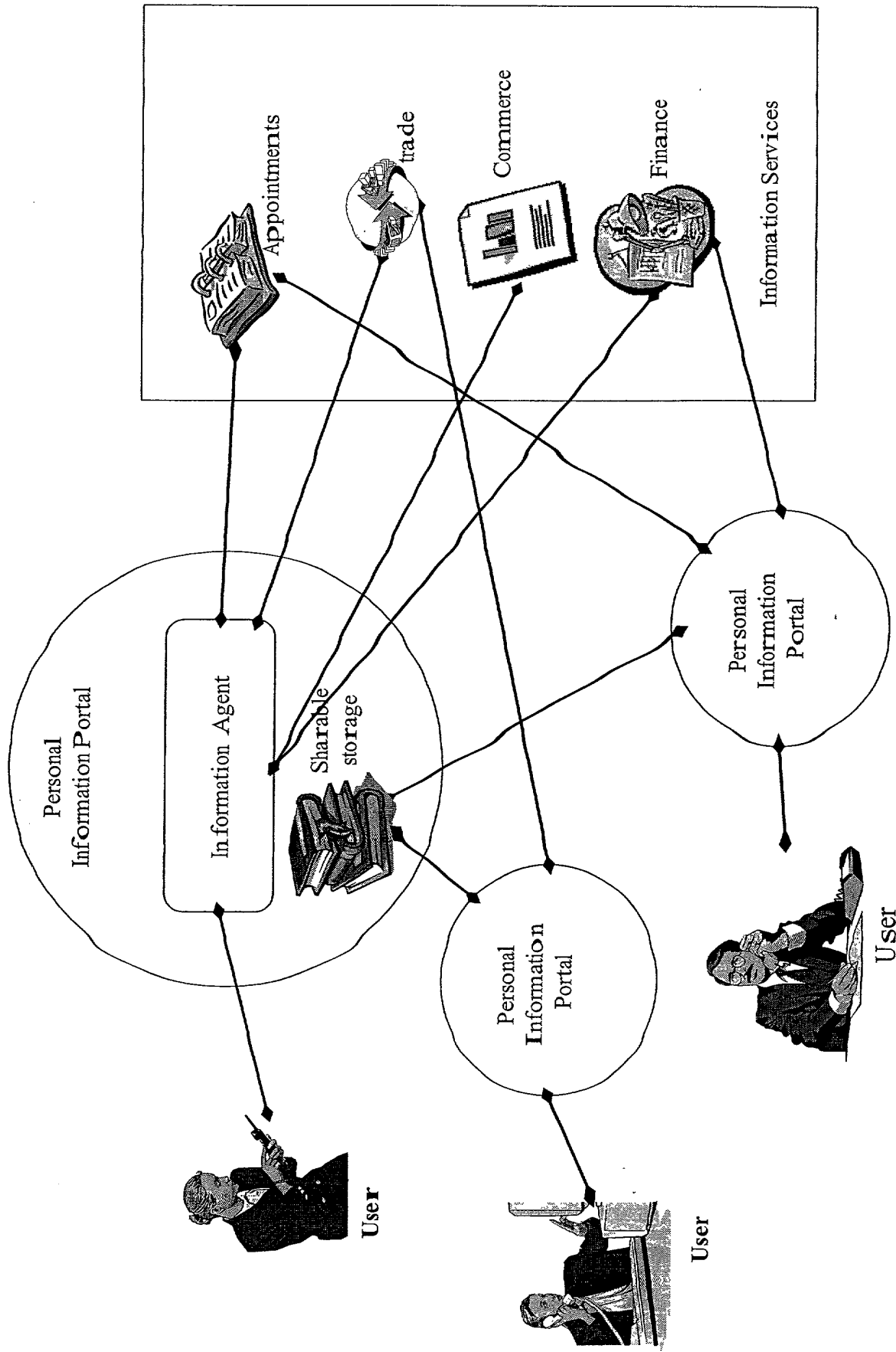
*Figure 13 Using a Personal Information Portal*

Appointments

Billing

Health Plan

Medical Records

Information Services

Personal Information Portal

Personal Information Portal

Personal Information Portal

Intake Coordinator

Registered Nurse
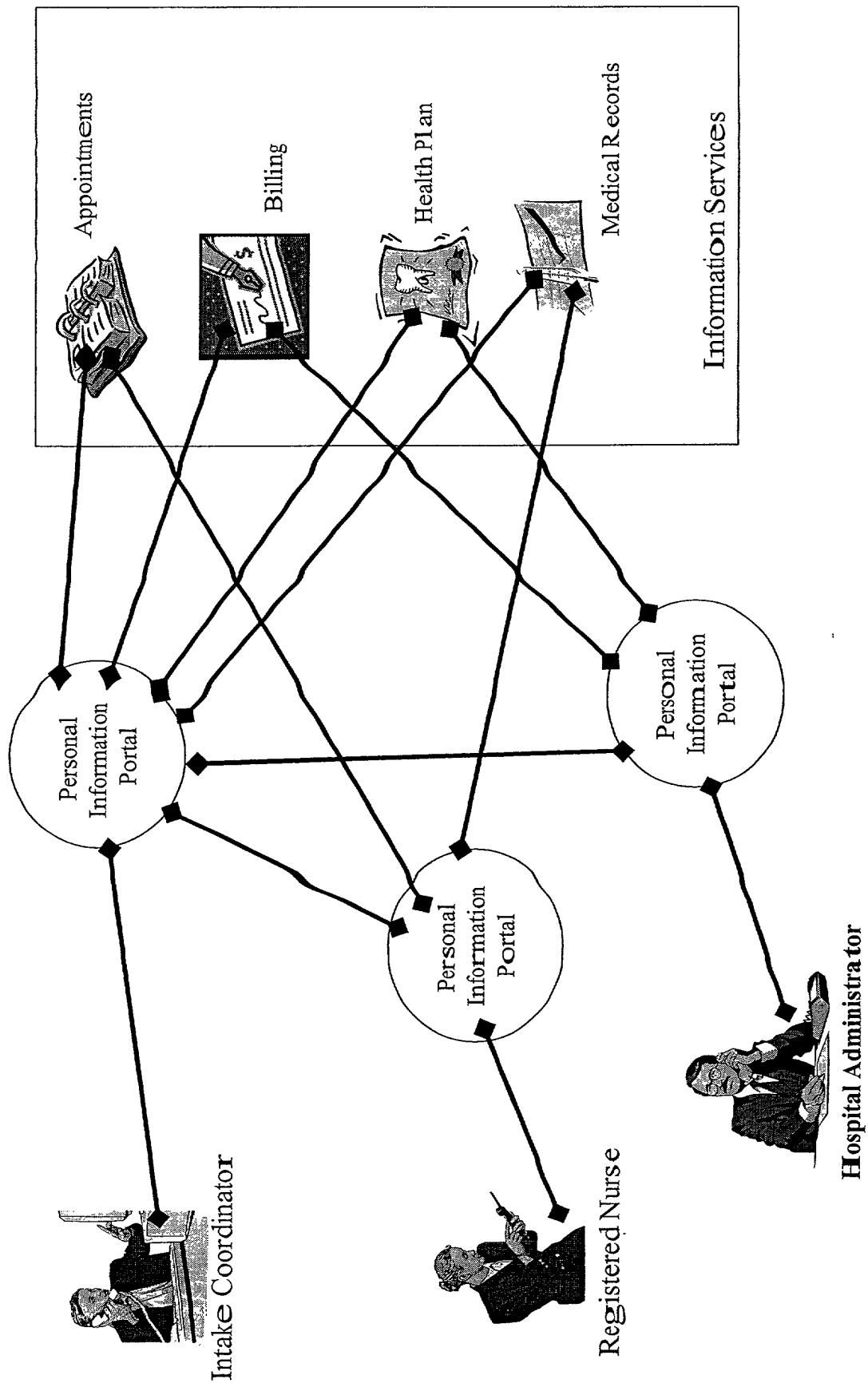
Hospital Administrator

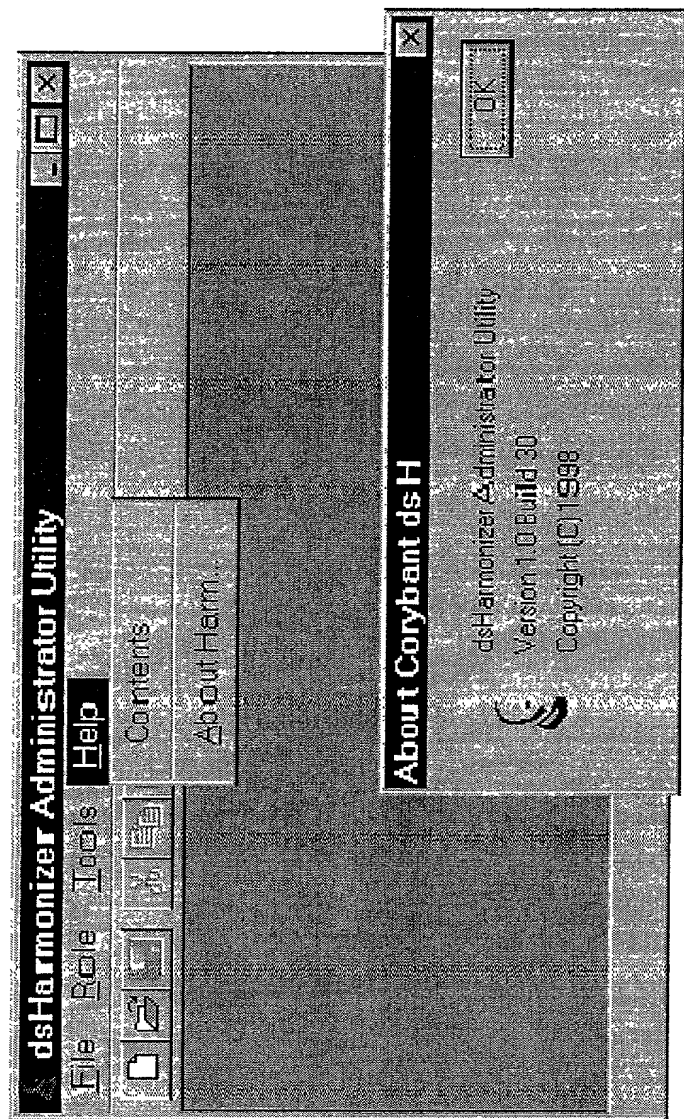*Figure 14 Example: Personal Information Portal in Home Healthcare*

*Figure 15 About box for the dsH™Admin utility*
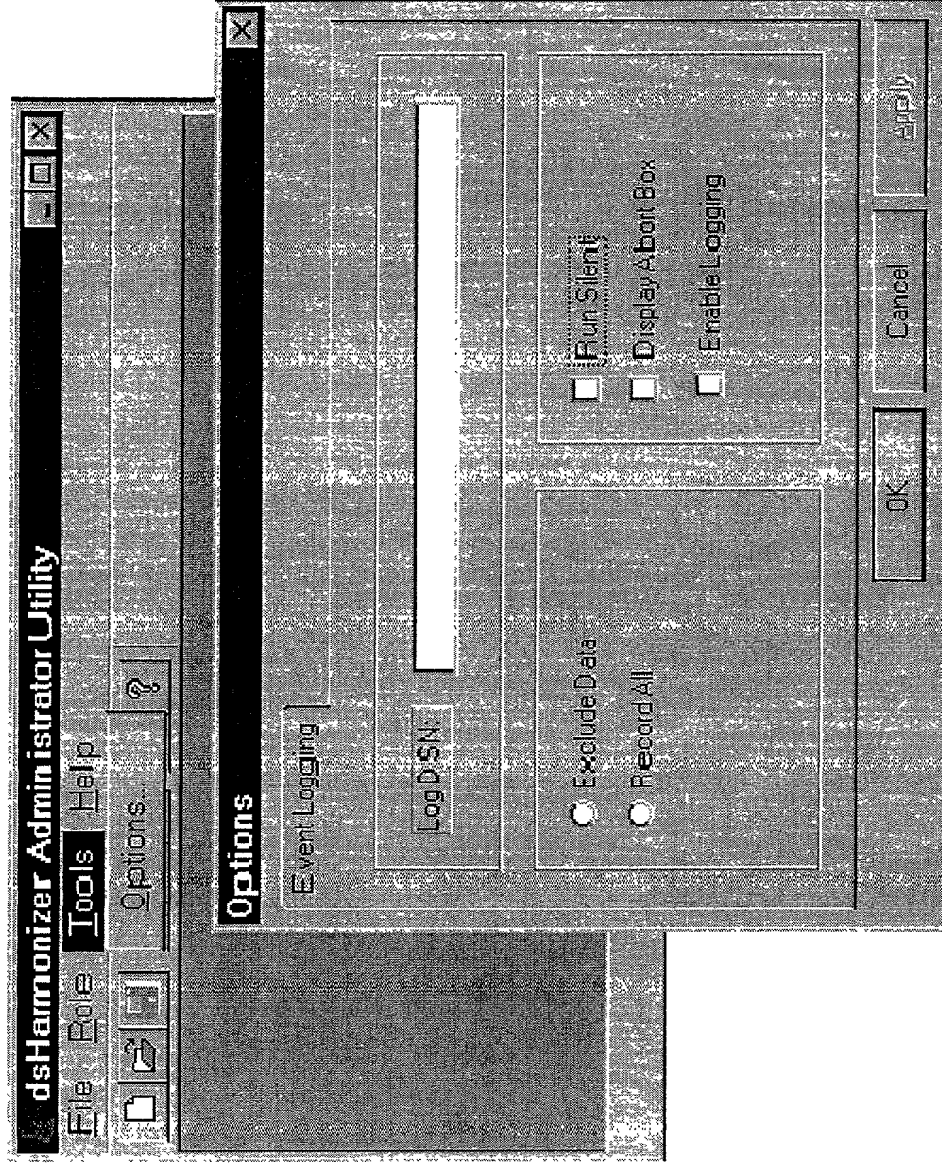
*Figure 16. Event Logging option*

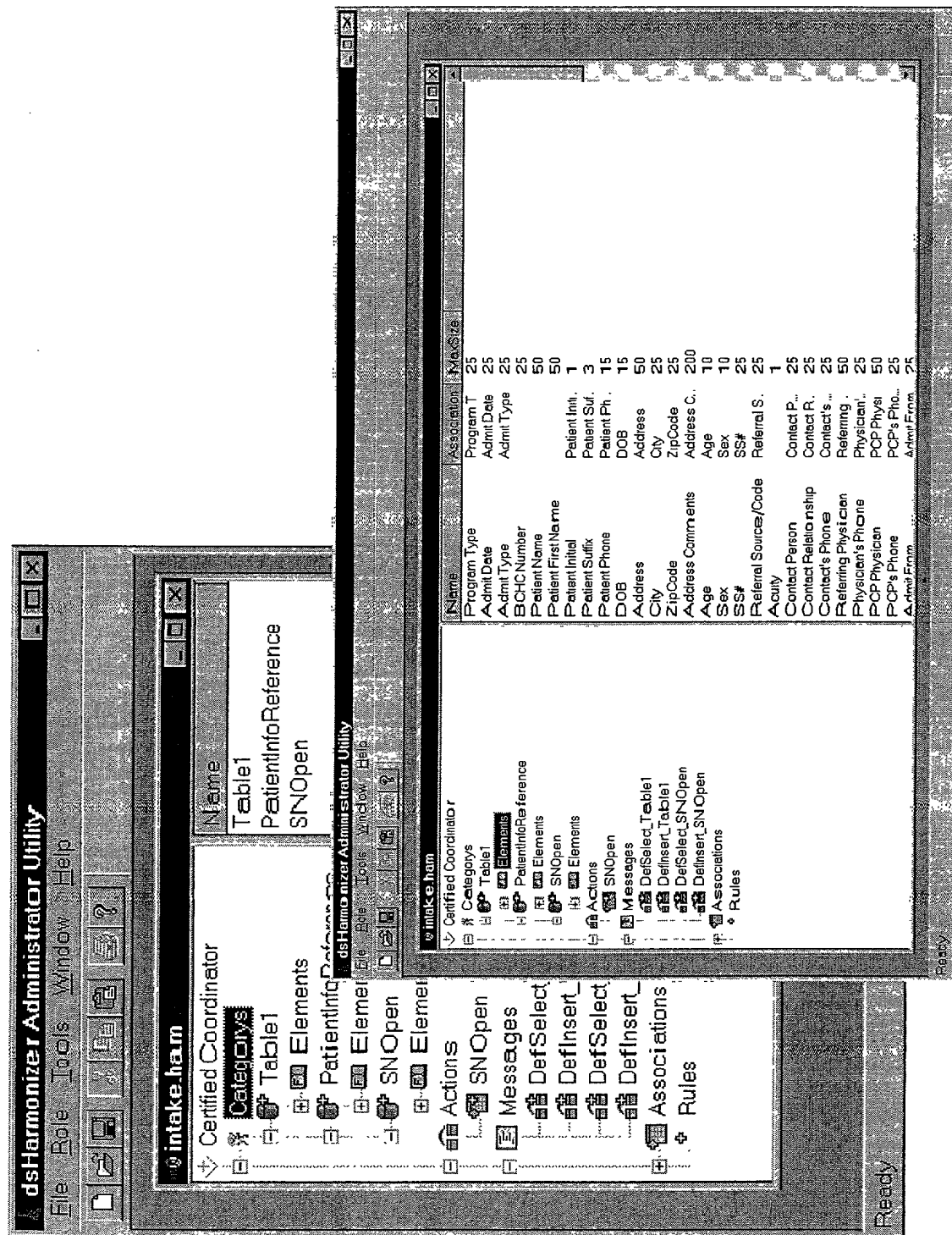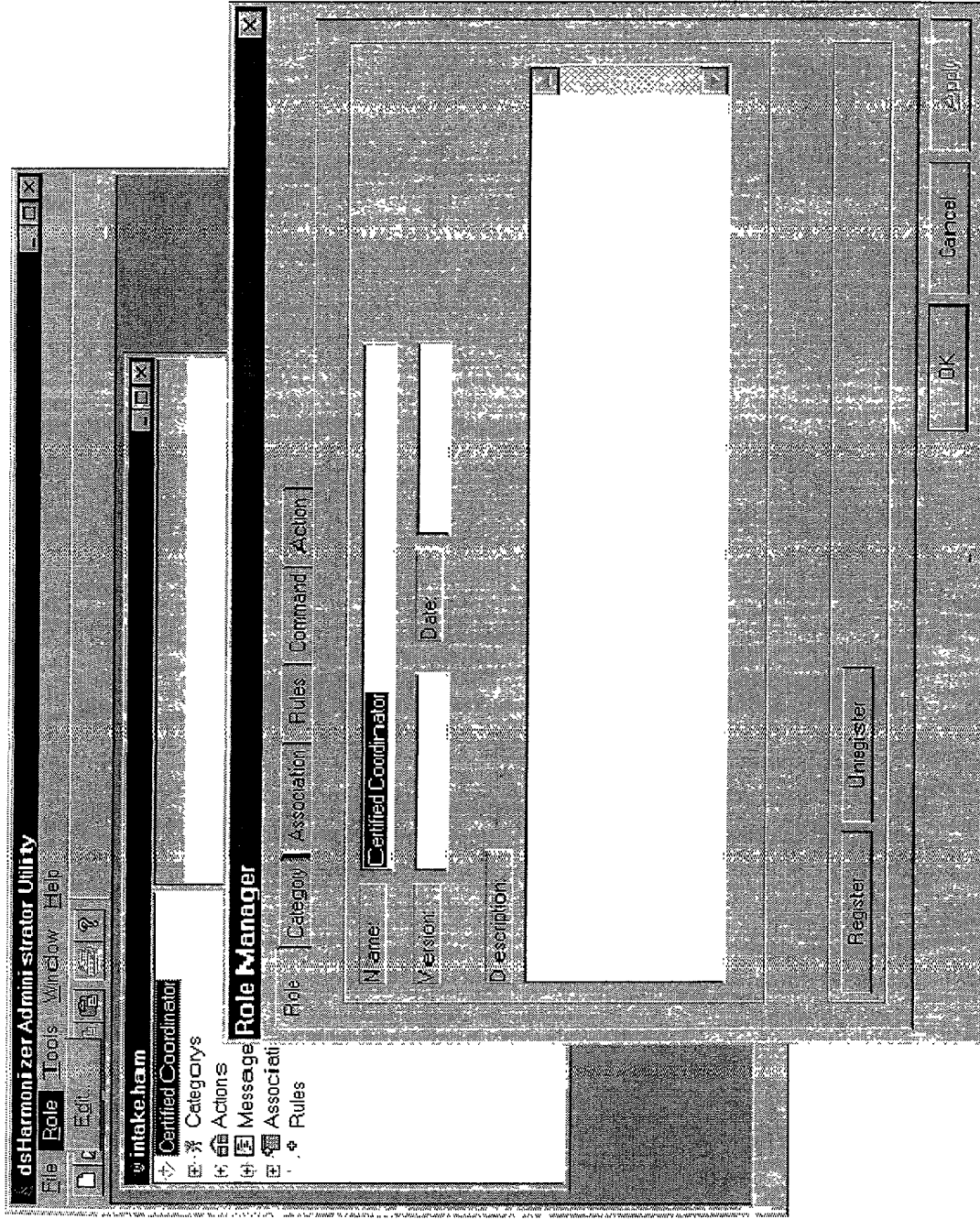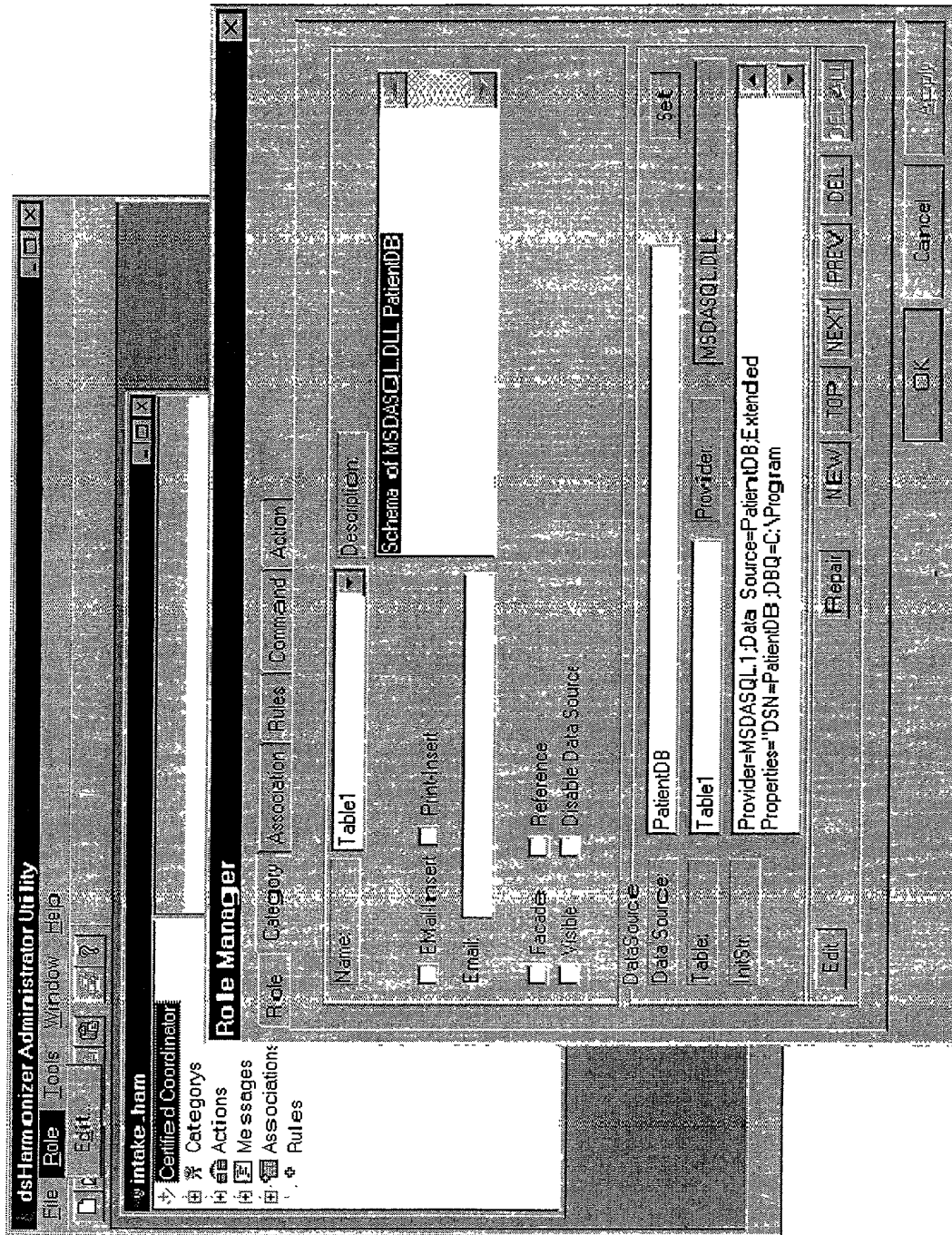*Figure 17. Navigation view*

*Figure 18. Edit view of a Role*

*Figure 19. Edit view of a Category within a Role*

*Figure 20. Edit View of Associations within a Role*
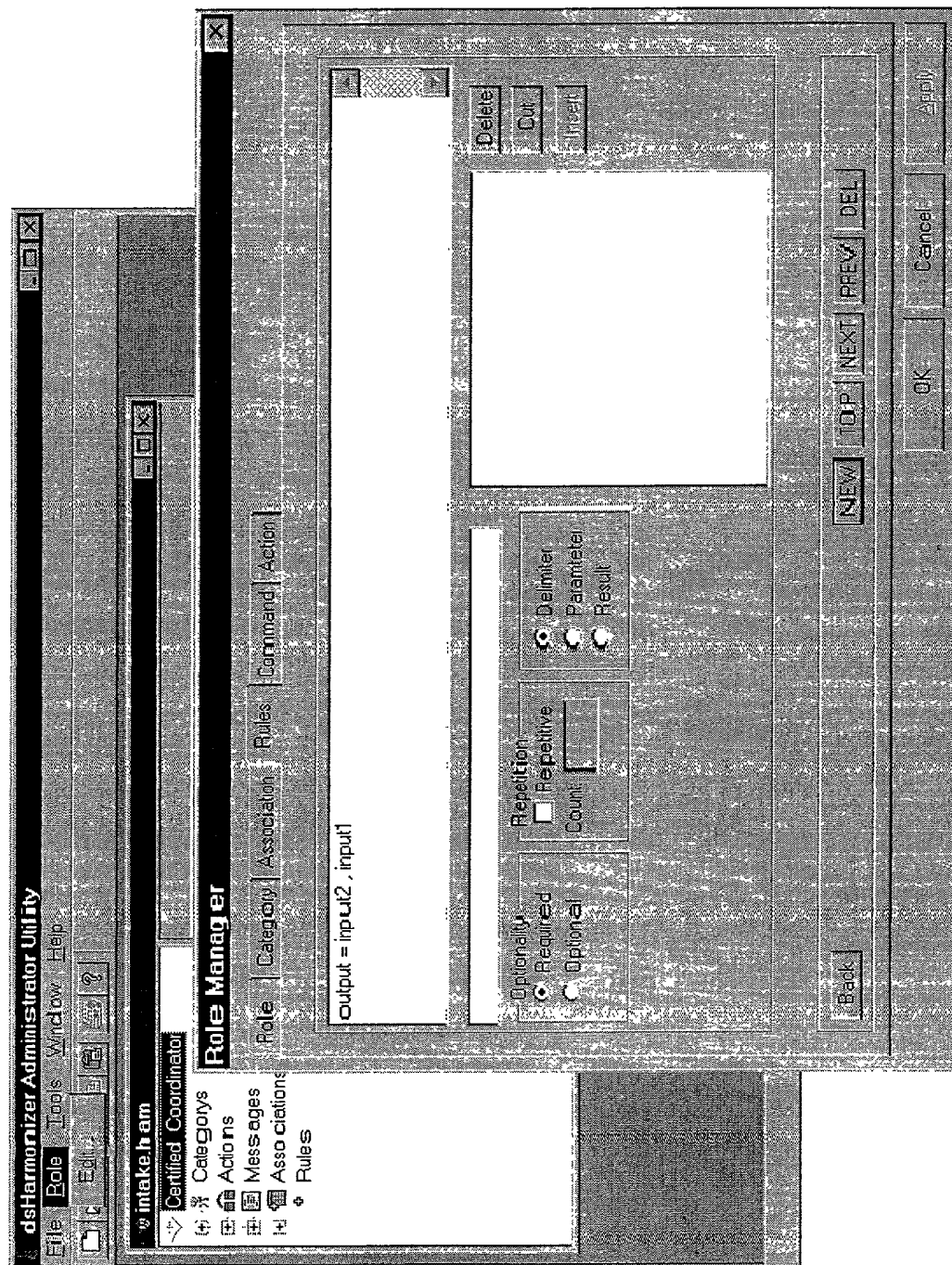
*Figure 21. Edit View of Rules within a Role*
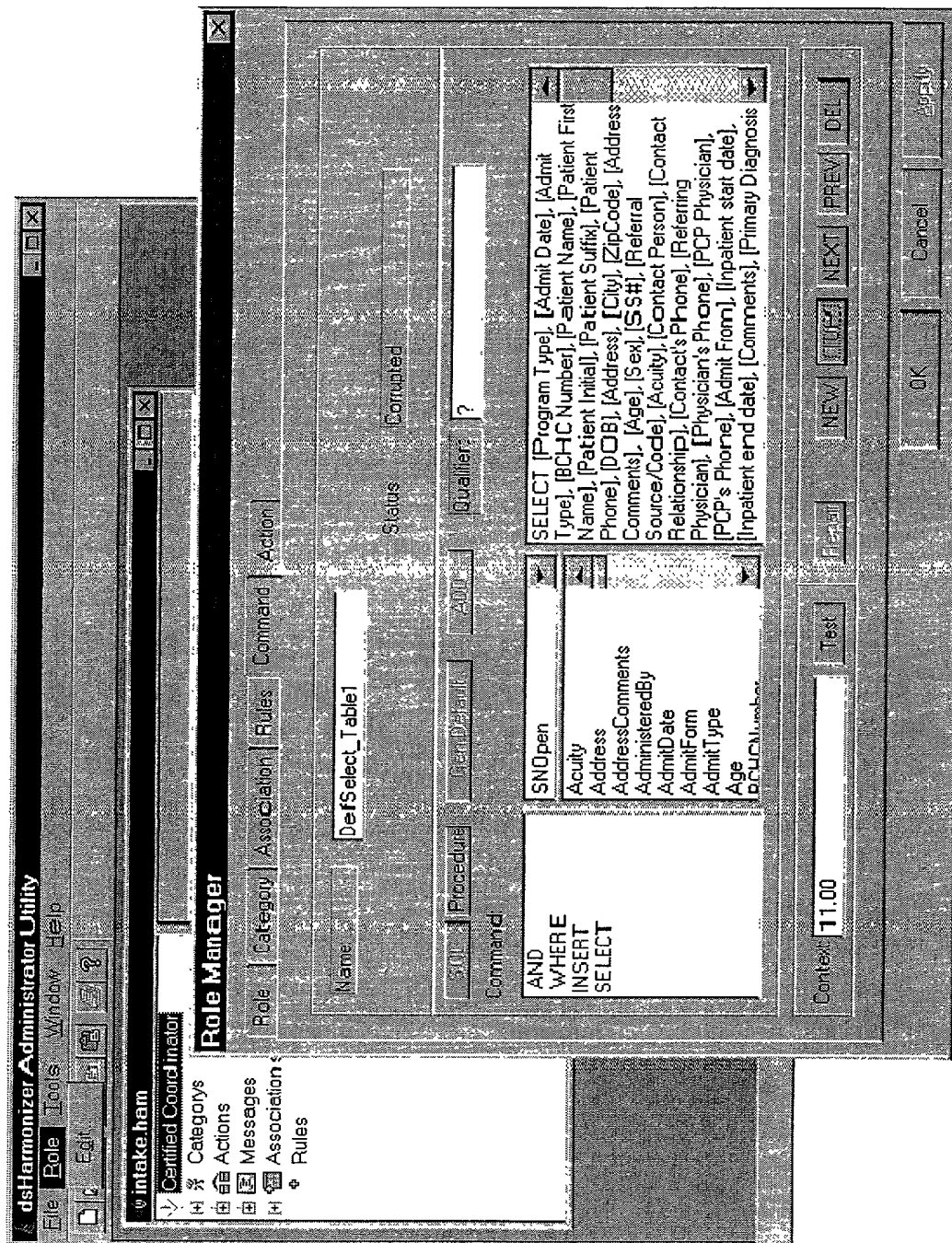
*Figure 22. Edit view of Commands within a Role*
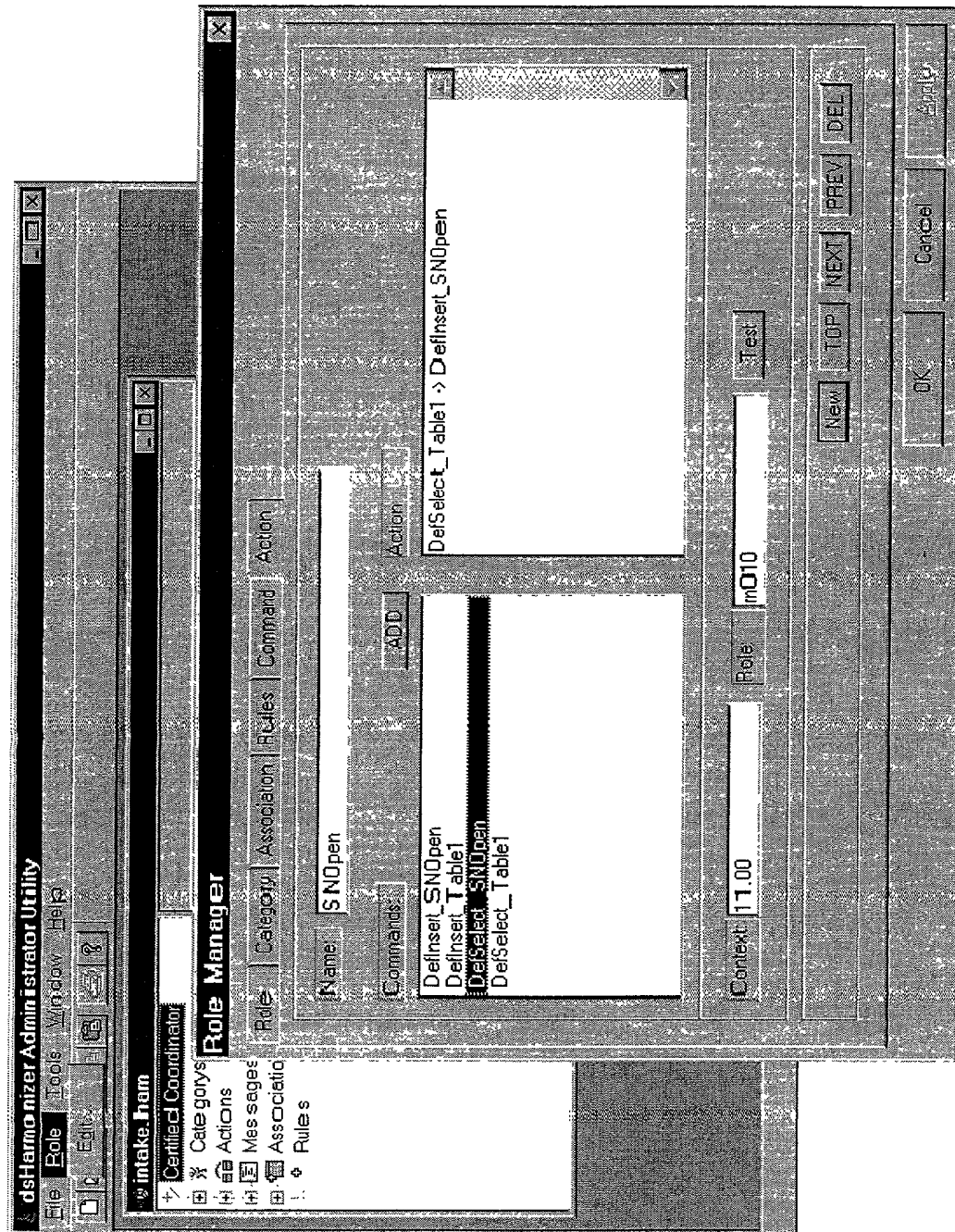
*Figure 23. Edit view of Actions within a Role*
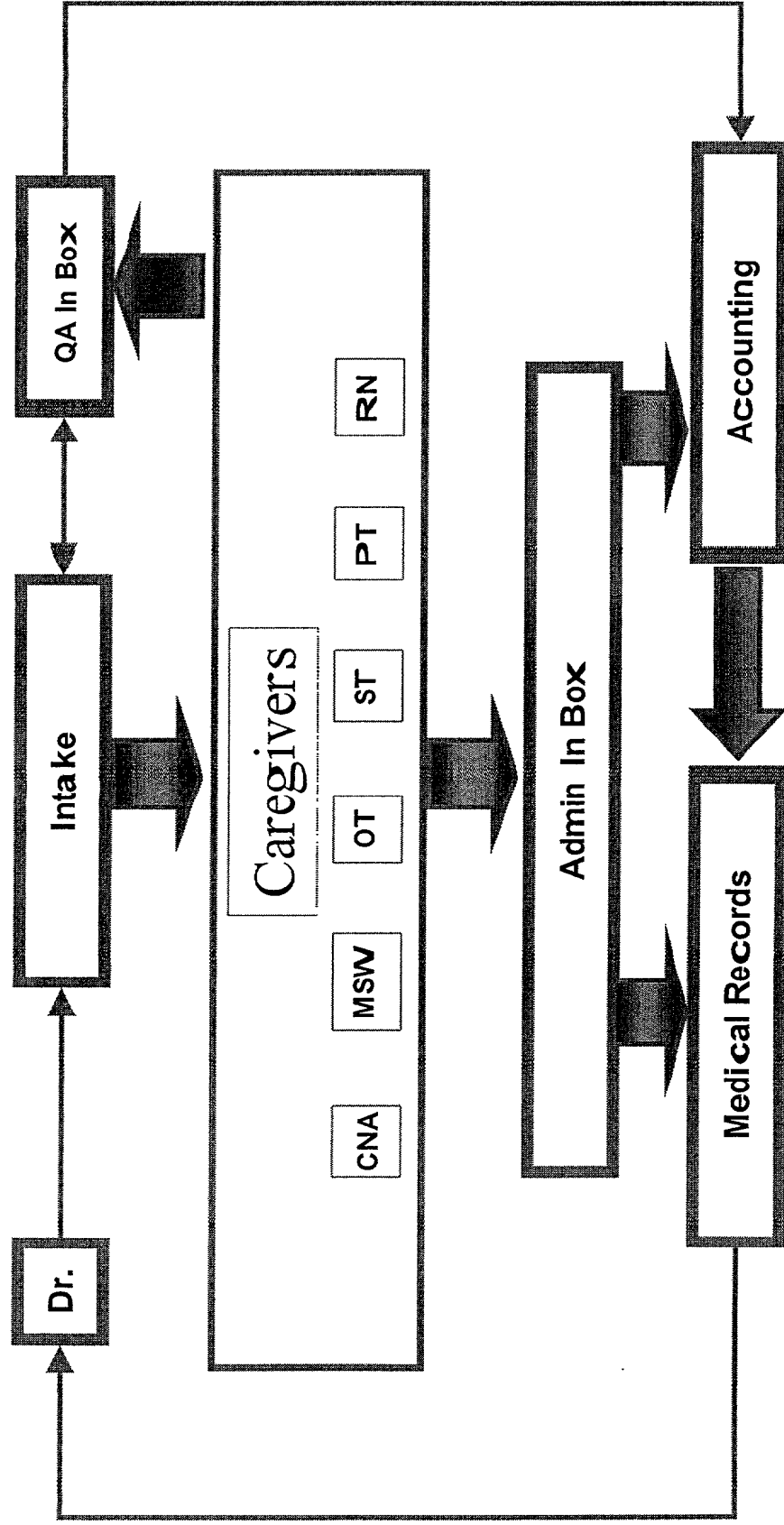
*Figure 24.*
*Example: Organizational view of an Information system for HomeCare*

*Objective*
**Mission: Home Care**

Policies governing allocation of resources to development of information system

*Practical Considerations*
**Available technology**

**Equipment & Software**

Requirements for each phase of automation process

*Analytical Considerations*
**Need to automate**

Automation planning and maintenance of existing systems
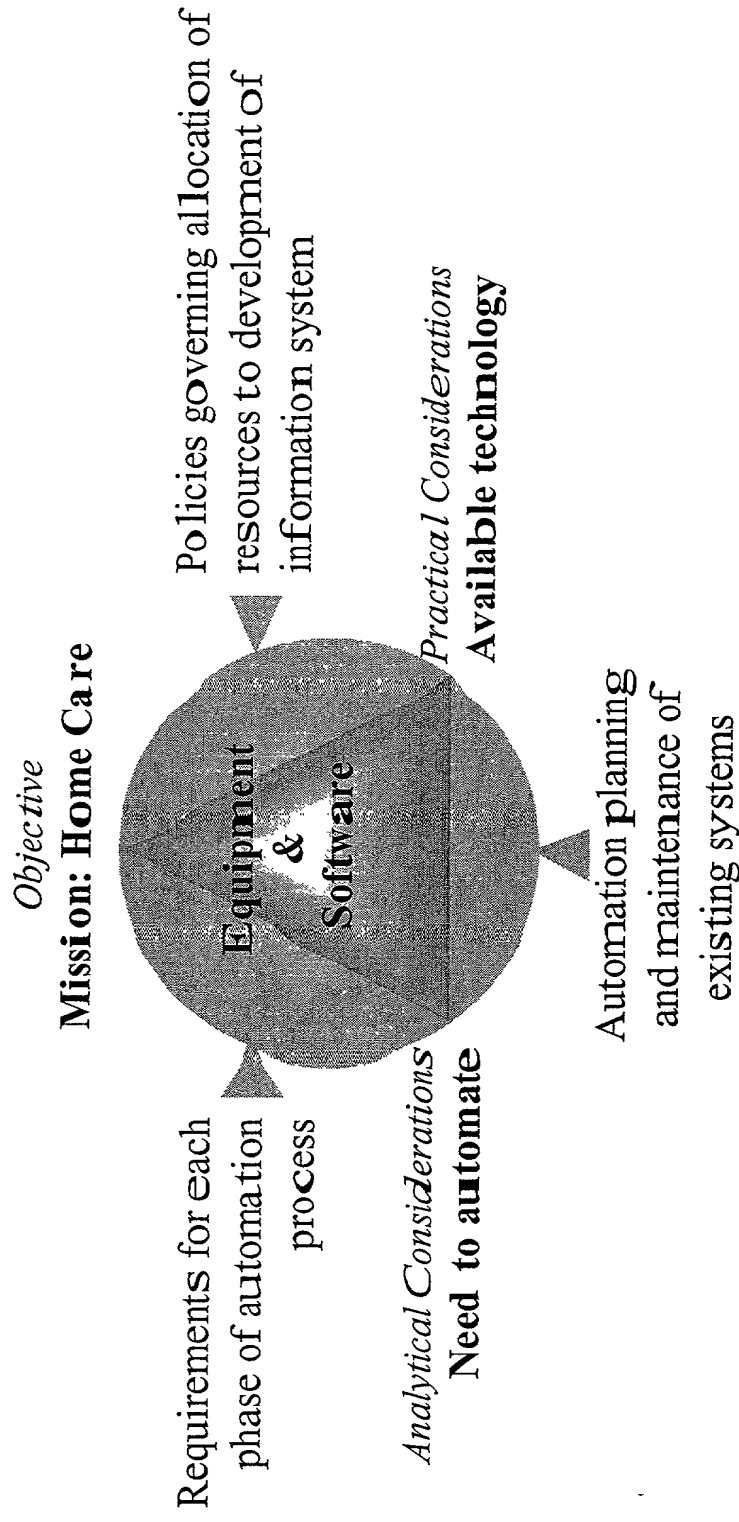
*Figure 25.*
*Example: Decision support model reflecting technology considerations*

*Objective*
**Mission: Home Care**

Policies governing allocation
of resources to information
management processes

*Practical Considerations*
**Information Model**

Users

Continuous improvement
of information
management infrastructure

Continuous
improvement of
information
management practice

*Analytical Considerations*
**Need to improve
Information management**

*Figure 26.*
*Example: Decision support model reflecting business considerations*

*Figure 27.*
*Example: General Information flow*

| Reference ID | Description |
|---|---|
| 1 | Intake Form |
| 2 | Dr Verbal Order |
| 3/O | Open Reimbursement form |
| 4/O | Open Treatment of Consent |
| 5/O | Open Financial Responsibility |
| 6/O | Open Oasis Form |
| 7/O | Open Progress notes 2nd page only |
| 7SN | Daily Progress notes Skilled Nursing |
| 7PT | Daily Progress notes Physical Therapy |
| 7ST | Daily Progress notes Speech Therapy |
| 7OT | Daily Progress notes Occupational Therapy |
| 7MSW | Daily Progress notes Social Worker |
| 7CNA | Daily Progress notes Certified Home Health Aid |
| 8/O | Open 485 |
| 9 | Med sheet side affects |
| 10/O | Medication list |
| 11 | Discharge Summary |
| 12 | CNA Plan of Care |
| 13PT | Plan of Care Physical Therapy |
| 13ST | Plan of Care Speech Therapy |
| 13OT | Plan of Care Occupational Therapy |
| 13MSW | Plan of Care Social Worker |
| 14 | MSW Plan of Care Social Worker |
| 15PT | Initial Eval Physical Therapy |
| 15ST | Initial Eval Speech Therapy |
| 15OT | Initial Eval Occupational Therapy |
| 15MSW | Initial Evaul Social Worker |
| 16 | Activity Sheet |
| 17MSW | MSW orders |
| 17 | Interim physician's orders |
| 18 | CNA Supervisory |
| 19 | Misc. communication form |
| 20 | Revisit Form |
| 21 | Transfer Summary |

*Table 1.*

*Example: Summary of forms identified in Figure 27*
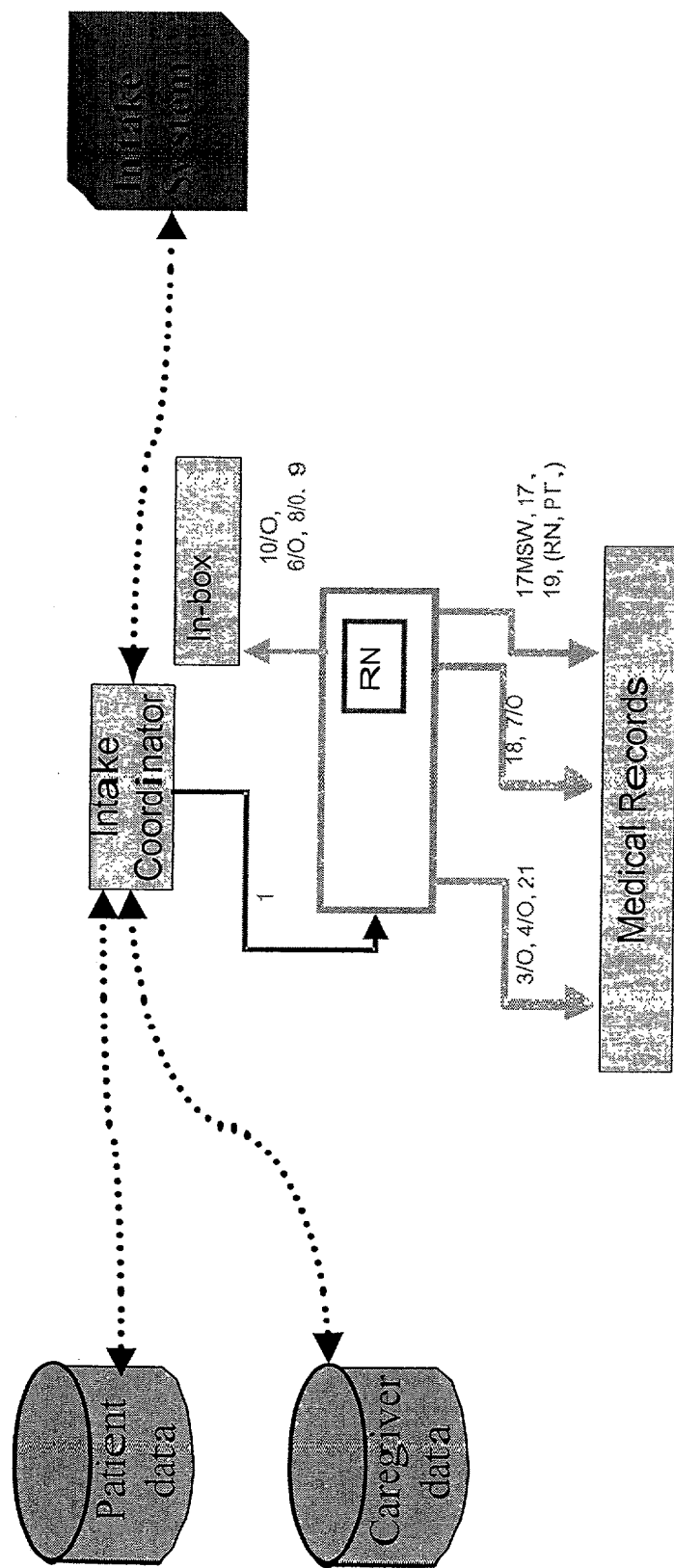
Figure 28.
Example: A Measurable Subset of the Organization

| Roles | Certified Coordinator, Registered Nurse |
|---|---|
| Categories | Patient information, Caregiver information, QA Inbasket, Medical records |
| Messages | Email, printout, fax |
| Actions | SNOpen, |

*Table 2.*
*Example: Attributes of the Measurable Subset*

Medical
Records

Registered
Nurse

(B)

(A)

(C)

QA Inbox

Certified
Coordinator

Caregiver
Info

Patient Info
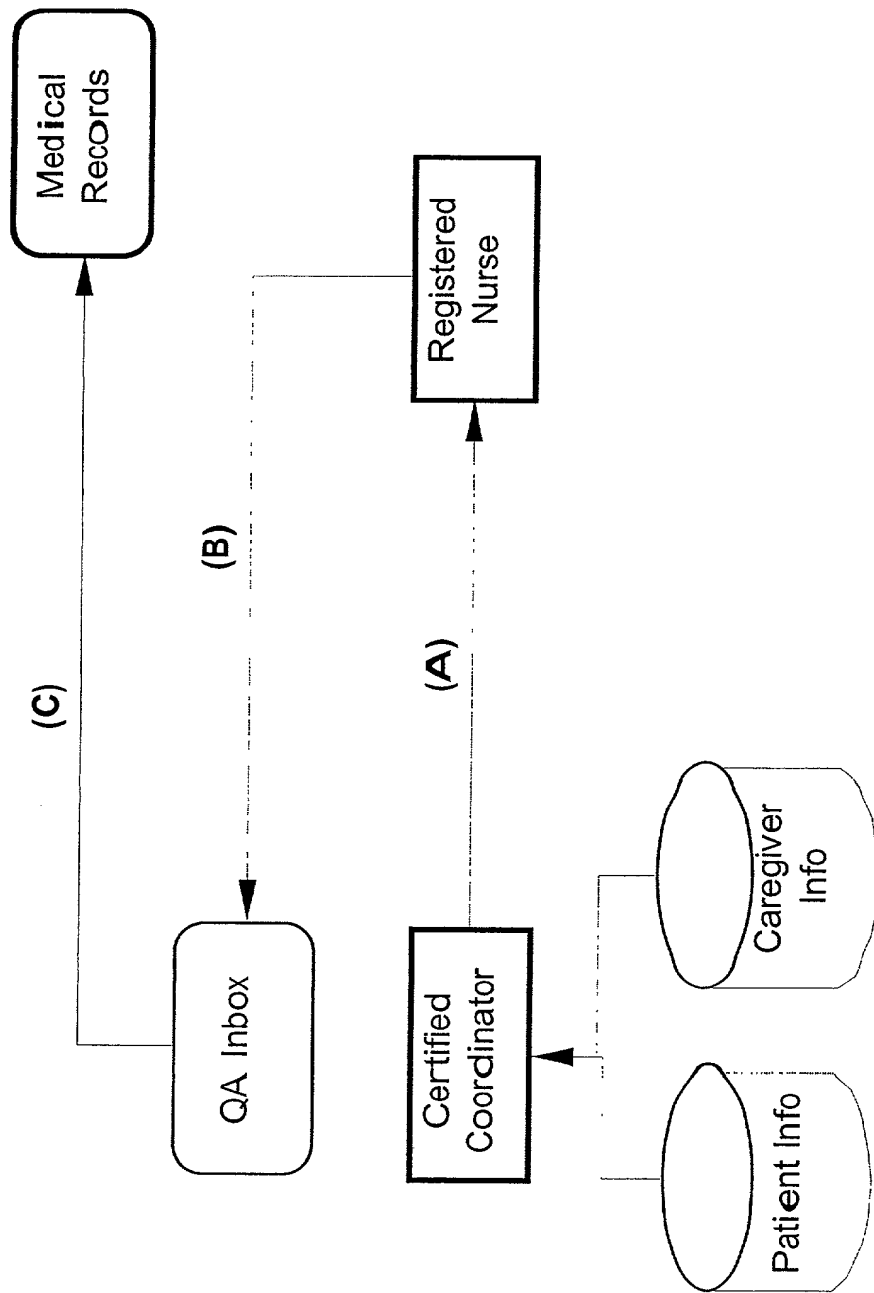
Figure 29.
Example: *QA function explicitly identified*

Inbox

(d)

RN1 mobile laptop

(c)

RN1 Proxy

RN2 local Workstation

RN3 Paper forms

(b)

Registered Nurses

(a)

Certified Coordinator

Caregiver Information

Patient Information

*Figure 30.*
*Example: Using generic Roles and proxy Roles*
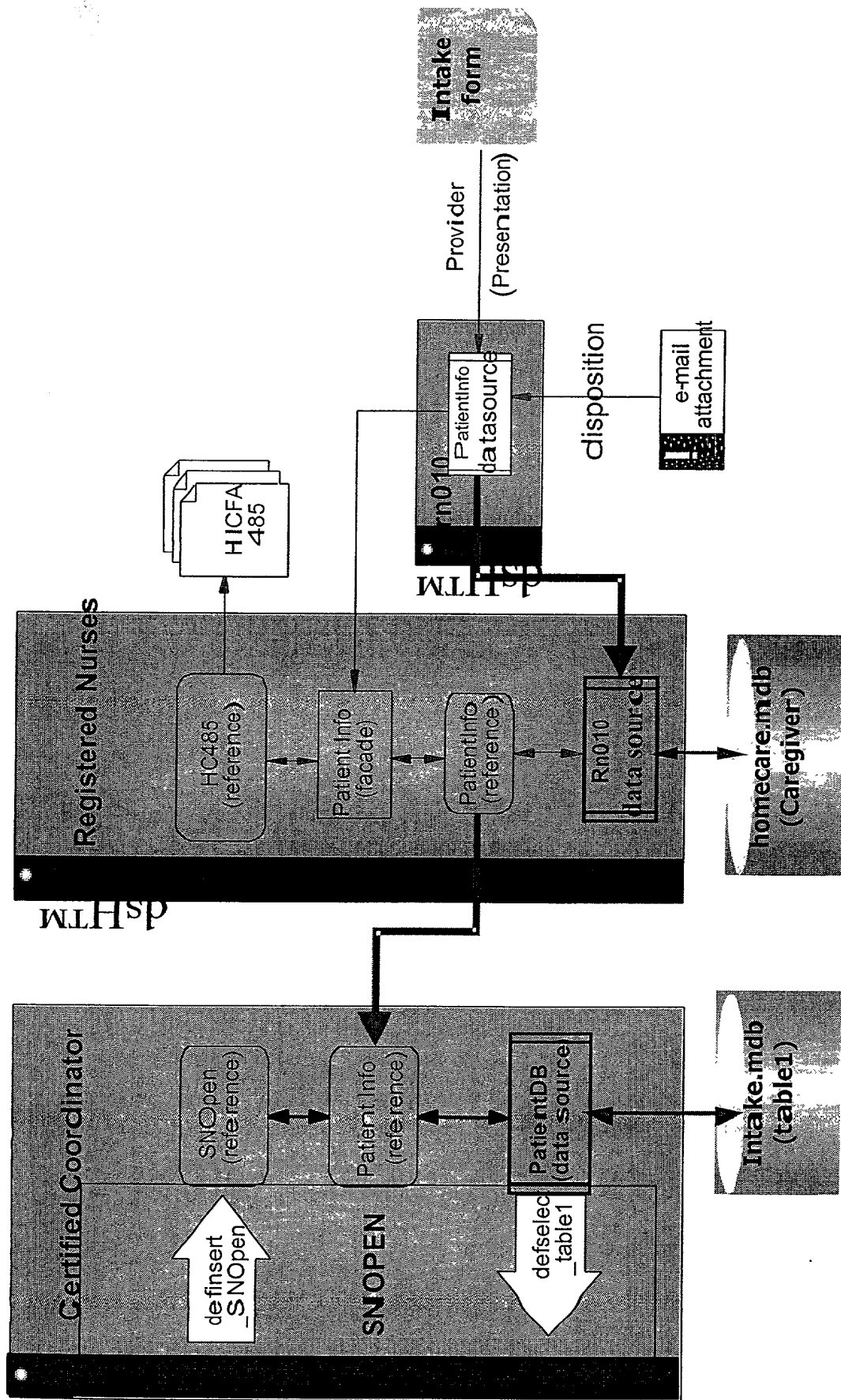
*Figure 31.*
*Example: Implementation of SN OPEN*
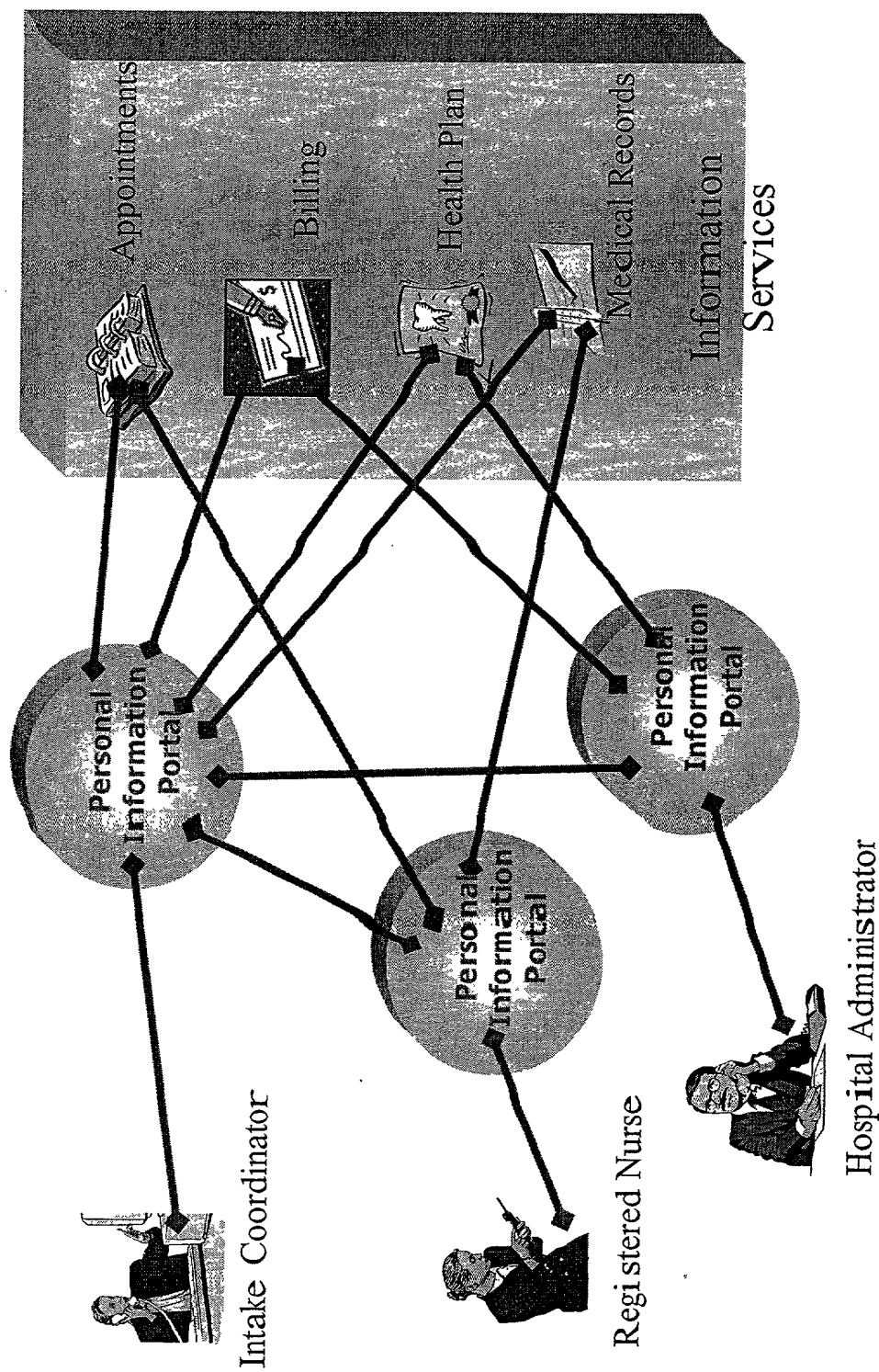
Figure 32.
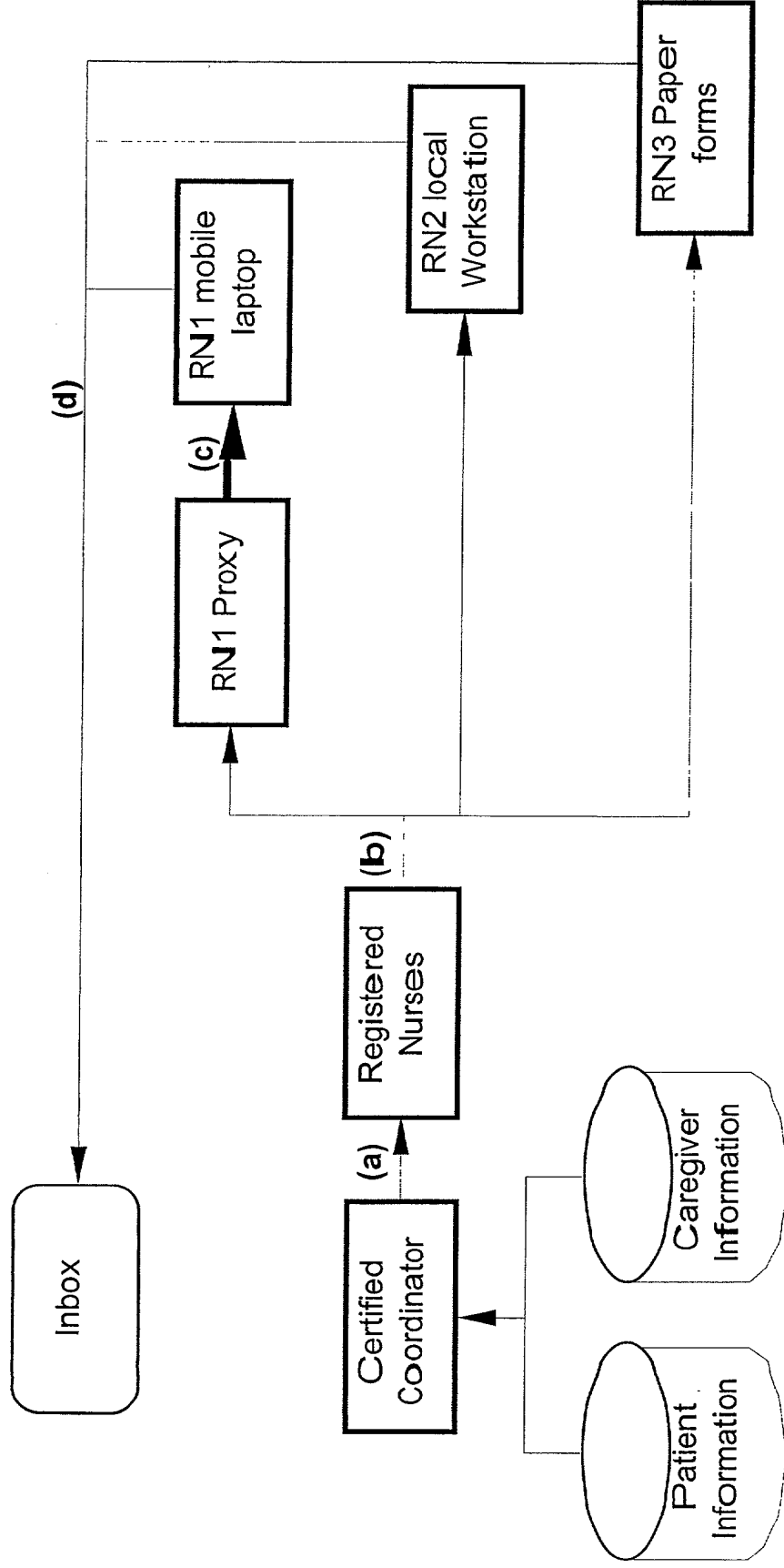Example: Practical deployment

```
C:\
  Program Files\
    Corybant\
      homecare\
        homecare.mdb (contains patient information table: Table1)
        intake\
          intake.ham
          intake.mdb (contains caregiver information table: cg)
          registered nurses\
            registerednurse.ham
            rn010\
              rn010.ham
            rn020\
              rn020.ham
            rn030\
              rn030.ham
```

*Figure 33.*
*Example: Directory Structure*

dsHarmonizer Administrator Utility

File Specs Window Help

intake.ham
C:\Program Files\Corybant\HomeCare\intake\intake.ham
Roles
Certified Coordinator
Categorys
Table1
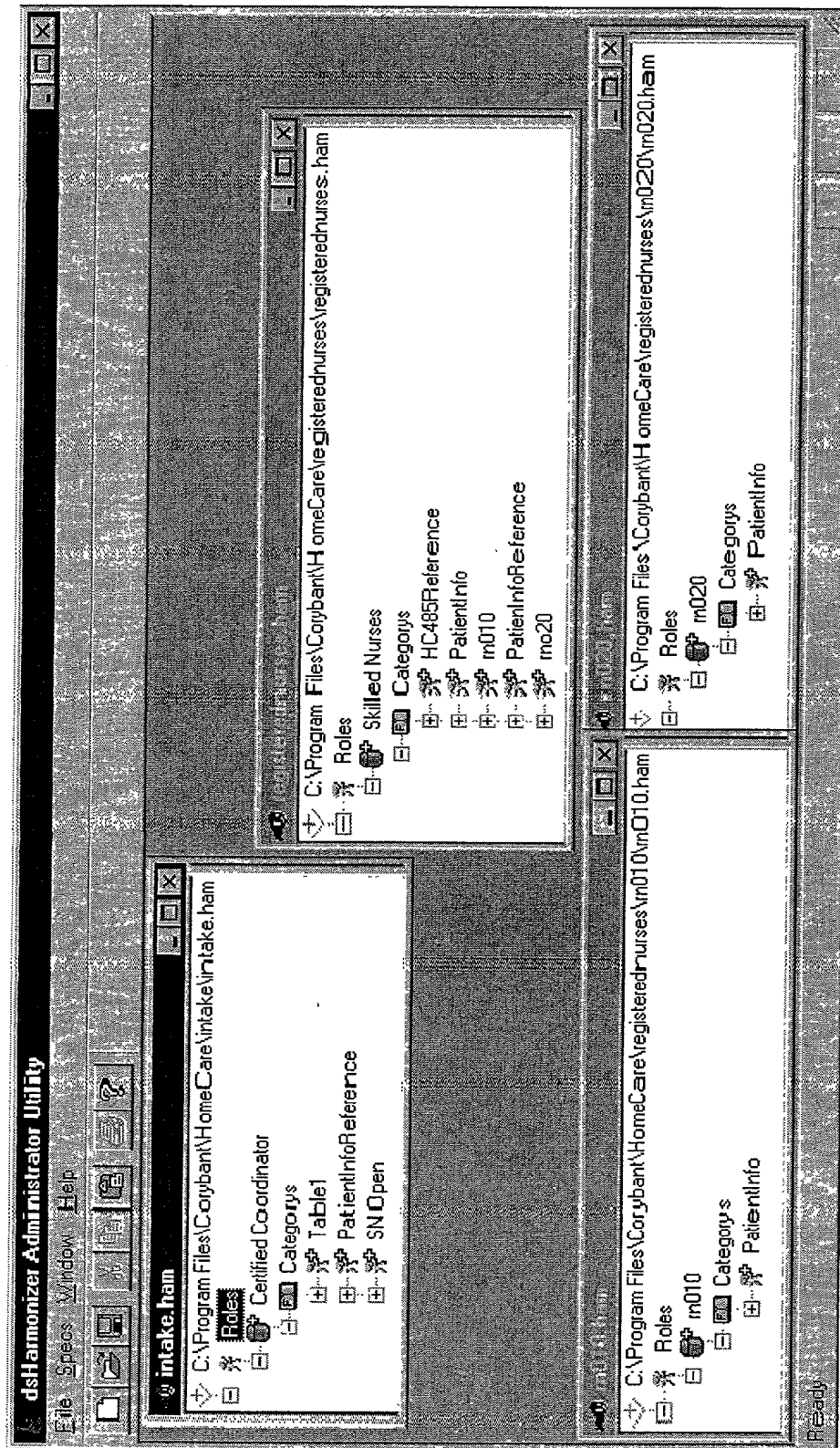PatientInfoReference
SN Open

C:\Program Files\Corybant\HomeCare\registerednurses\registerednurses.ham
Roles
Skilled Nurses
Categorys
HC485Reference
PatientInfo
rn010
PatientInfoReference
mo20

C:\Program Files\Corybant\HomeCare\registerednurses\rn010\rn010.ham
Roles
rn010
Categorys
PatientInfo

C:\Program Files\Corybant\HomeCare\registerednurses\rn020\rn020.ham
Roles
rn020
Categorys
PatientInfo

*Figure 34.*
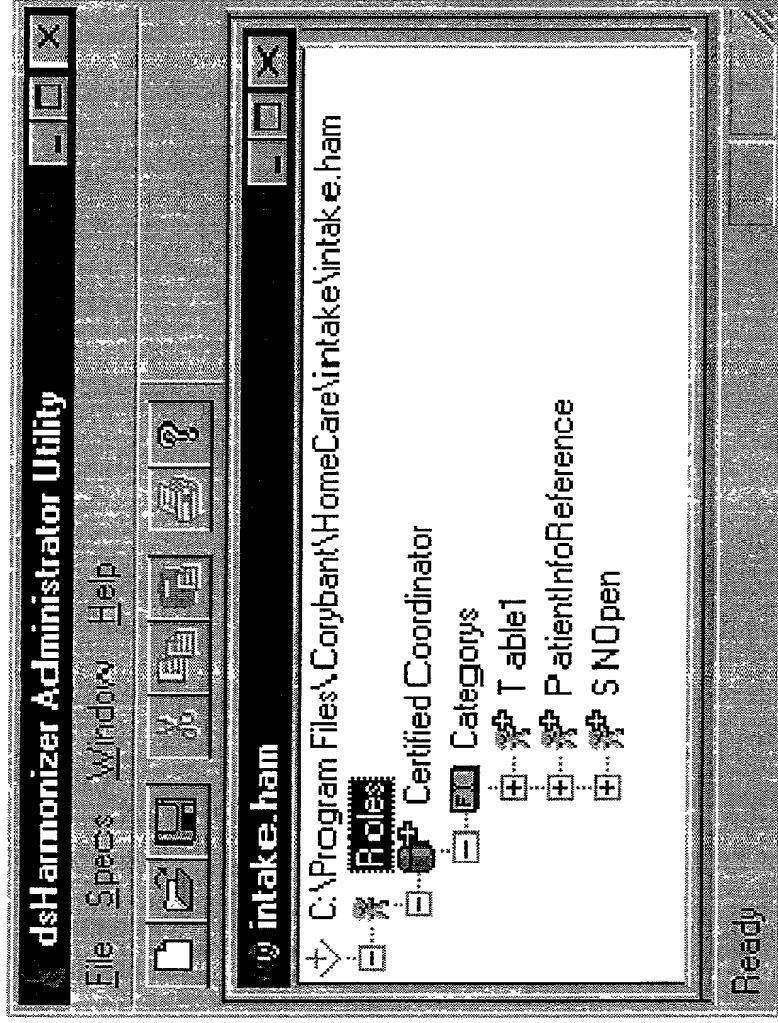*Example: Role Configuration Model for the local network*

*Figure 35.*
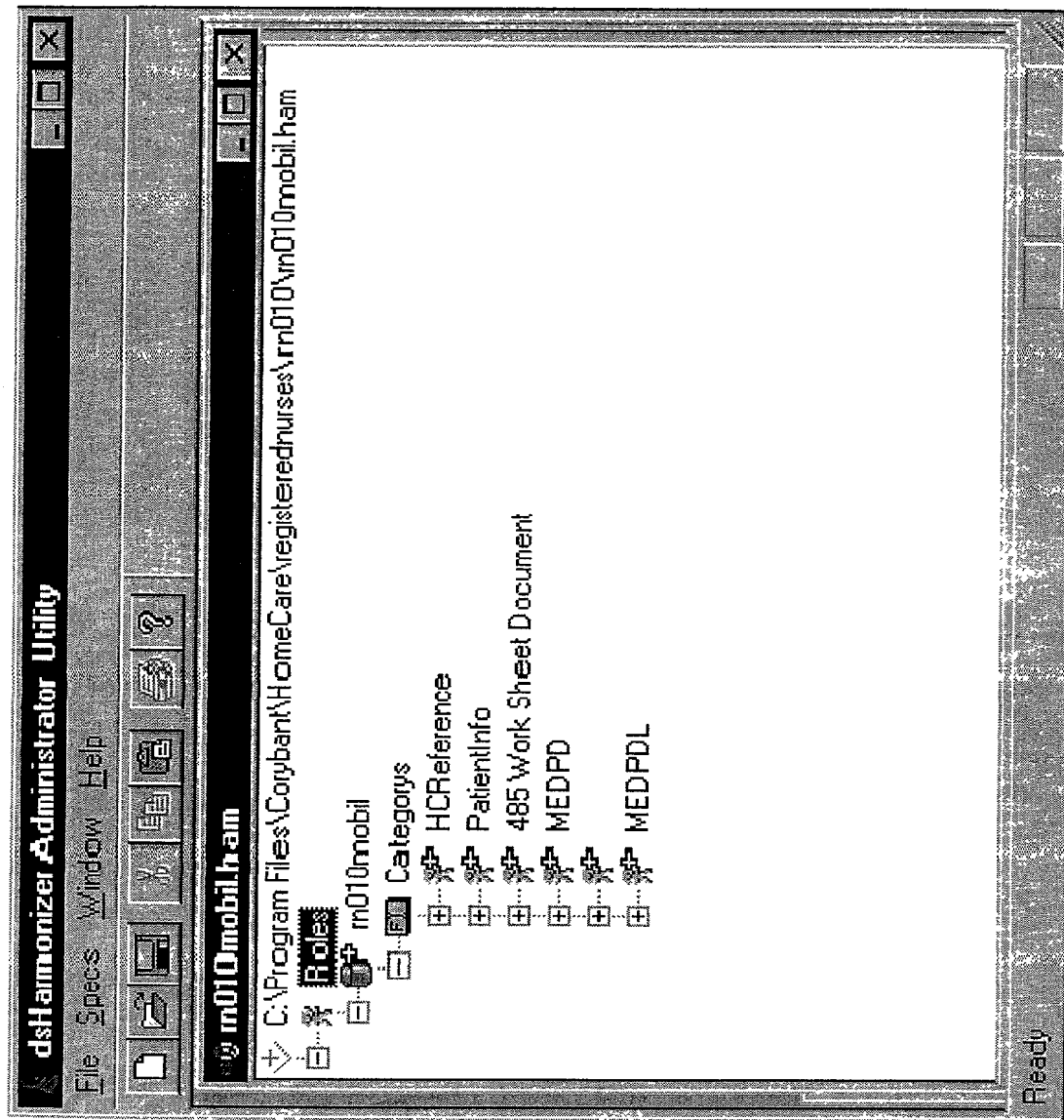*Example: Role Configuration model for Certified Coordinator*

*Figure 36.*
*Example: Role Configuration Model for mobile caregiver*

**dsHarmonizer Administrator Utility**

File   Specs   Window   Help

**registerednurses.ham**

C:\Program Files\Corybant\HomeCare\registerednurses\registerednurses.ham
Skilled Nurses
Categorys
HC485Reference
PatientInfo
rn010
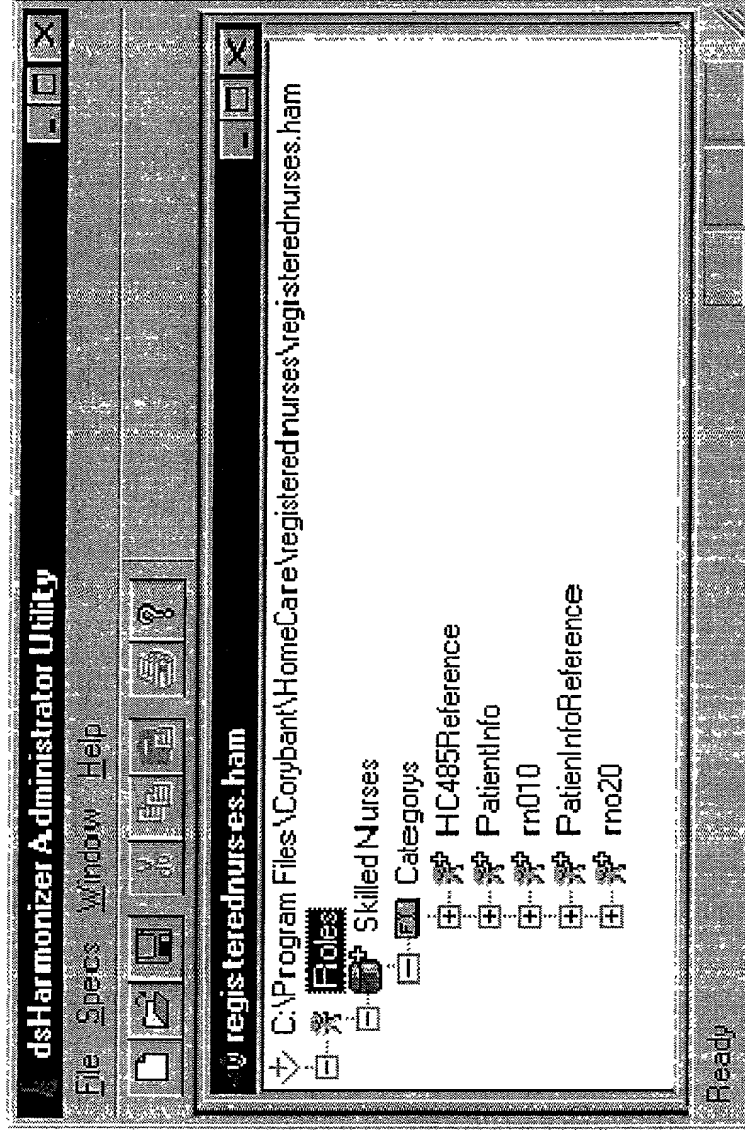PatientInfoReference
rn020

Ready

*Figure 37.*
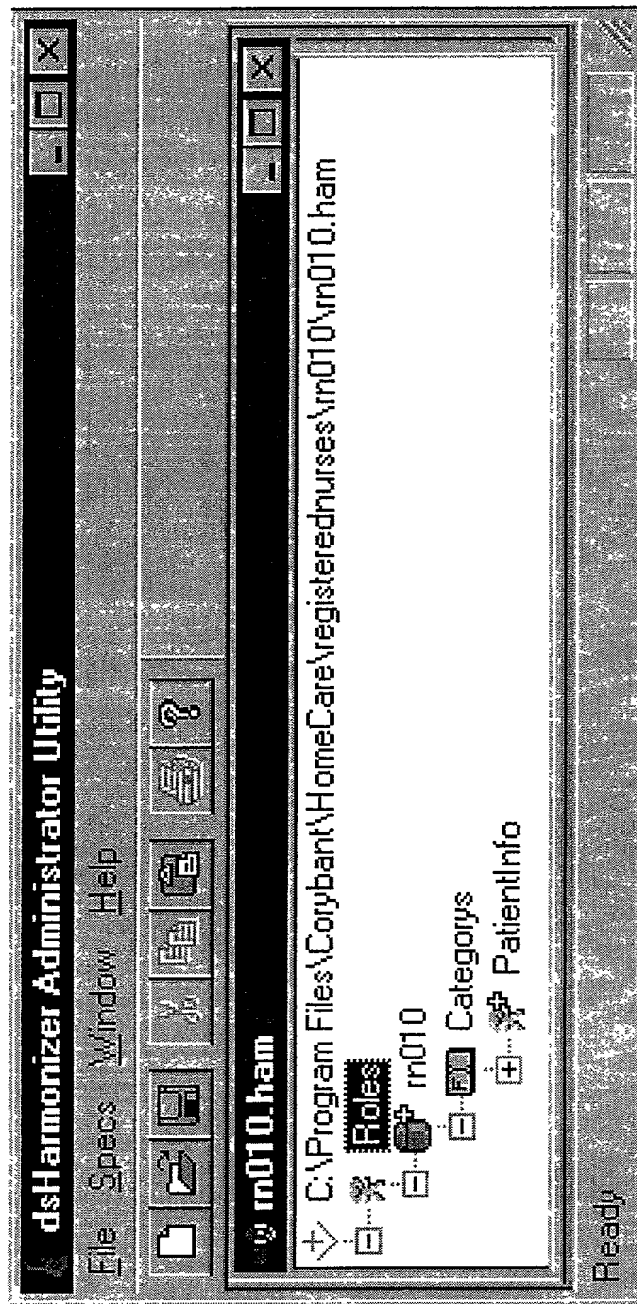*Example: Role Configuration Model for Skilled Nurses (Generic)*

*Figure 38.*
*Example: Role Configuration Model for a mobile RN role.*